Surface Tension Monitoring Log Chromium **NESHAP** 1. Company:______ Year: _____ Equipment Identification:_____ **2. Type of Chrome Plating:** □ Hard Chromium □ Decorative Chromium Surface Tension Measurement by: ☐ Stalagmometer ☐ Tensiometer 3. Monitoring Data: Surface Tension Surface Tension Date Dynes Date Dynes Per cm Per cm Initials Recorded Initials Recorded

4. Fume Suppressant Added

Date	Amount	Date	Amount
Date	Amount	Date	Amount
Date	Amount	Date	Amount
Date	Amount	Date	Amount

Keep this record at your facility for 5 years.

5. Periods of Excess Emissions:

Start: End:	Start: End:
	Corrective action taken:
Initials:	Initials:
Start: End:	Start: End:
Corrective action taken:	Corrective action taken:
Initials:	Initials:———
Start: End:	Start: End:
	Corrective action taken:
Initials:	

Instructions:

- 1. Record the company name, year, and equipment identification "east #10 tank".
- 2. Check the box for the type of chrome plating; hard or decorative.
- 3. Check the box for the type of surface tension equipment used; stalagmometer or tensiometer. Stalagmometer surface tension measurements not to exceed 45 dynes/cm. Tensiometer surface tension measurements not to exceed 35 dynes/cm.
- 4. Record the date, surface tension and operator. Monitoring Frequency: Initially test every 4 hours of operation, if no exceedances for the next 40 hours of operation testing can be reduced to once every 8 hours of operation, if no exceedances for the next 40 hours of operation testing can be reduced to once every 40 hours of operation.
- 5. Record the time of day and date of an excess emission. Excess emissions occur when surface tensions exceed rule requirements or tanks are refilled. Describe corrective action taken, "added more wetting agent"